



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9531

SERIAL NUMBER 10/712,249	FILING DATE 11/13/2003 RULE	CLASS 210	GROUP ART UNIT 1723	ATTORNEY DOCKET NO. AST-4D-PCT-US
-----------------------------	-----------------------------------	--------------	------------------------	---

## APPLICANTS

Daniel Armstrong, Rolla, MO;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a DIV of 09/396,974 09/07/1999 PAT 6,669,842  
 which is a DIV of 09/187,369 11/06/1998 PAT 5,964,996  
 which is a DIV of 08/851,485 05/05/1997 PAT 5,874,005  
 which is a DIV of 08/532,581 09/29/1995 PAT 5,626,757  
 which is a 371 of PCT/US95/02071 02/17/1995  
 and said 09/187,369 11/06/1998  
 is a CIP of 08/198,409 02/22/1994 ABN

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

UNITED STATES OF AMERICA 08198409 02/22/1994

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* SMALL ENTITY \*\*

\*\* 01/07/2004

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	MO	DRAWING 4	CLAIMS 2	CLAIMS 1
Verified and Acknowledged	<i>Glenn G. Thurber</i> Examiner's Signature	Initials			

## ADDRESS

20311  
 MUSERLIAN, LUCAS AND MERCANTI, LLP  
 475 PARK AVENUE SOUTH  
 15TH FLOOR  
 NEW YORK, NY  
 10016

## TITLE

Macrocyclic antibiotics as separation agents

All Fees

FILING FEE  
RECEIVED  
385

FEES: Authority has been given in Paper  
No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
No. \_\_\_\_\_ for following:

- 1.16 Fees ( Filing )
- 1.17 Fees ( Processing Ext. of time )
- 1.18 Fees ( Issue )
- Other \_\_\_\_\_
- Credit